



APS NOTES:

1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' MINIMUM SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09, SEC. 4E.10, FIG. 4E-3, FIG. 4E-4, AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS EAST JEFFERSON STREET AT MARYLAND AVENUE

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
"WAIT TO CROSS JEFFERSON AT MARYLAND, WAIT."  
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

TO CROSS MARYLAND AVENUE AT EAST JEFFERSON STREET

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:  
"WAIT TO CROSS MARYLAND AT JEFFERSON, WAIT."  
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL PERPENDICULAR SIDEWALK RAMP (STANDARD NO. MD 655.11).  
B. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02) (NOTE: SLOPE OF CURB TO MATCH SIDEWALK GRADE).  
C. BEGIN 12:1 RAMP.  
D. 48:1 LEVEL LANDING AREA.  
E. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.  
F. TIE NEW CURB TO EXISTING CURB AT JOINT.  
G. REMOVE CONCRETE AS NECESSARY FOR NEW CONDUIT AND REPLACE IN KIND.

TOD NO: XY132-12  
SHA NO: M0458B58  
MD 28 @ Maryland Avenue

GEOMETRIC LEGEND

--- EXISTING  
--- PROPOSED

UTILITY LEGEND

SD STORM DRAIN  
G GAS MAIN  
W WATER MAIN  
S SEWER MAIN  
E ELECTRIC CABLES  
A AERIAL CABLES  
T TELEPHONE CABLES  
F FIBER-OPTIC CABLES

LEGEND SYMBOL

18" PED POLE FOUNDATION  
W/SIGN AND PUSHBUTTON  
PED SIGN AND PUSHBUTTON  
HANDHOLE  
CONDUIT RUN

GEOMETRIC LEGEND

EXISTING SIDEWALK/CURB  
JOINT (APPROXIMATE)  
NEW SIDEWALK AND  
ADA HANDICAP RAMP

SHA

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 28 (EAST JEFFERSON STREET)  
AND MARYLAND AVENUE  
ROCKVILLE, MD

GEOMETRIC PLAN SHEET

SCALE: 1" = 10' ADVERTISED DATE: 3/2013 CONTRACT NO.: XY1325185

DESIGNED BY: CW COUNTY: MONTGOMERY  
DRAWN BY: CW LOGMILE: 15002822.40  
CHECKED BY: RM TMS NO.: L566  
F.A.P. NO.: TOD NO.:

TS NO. 1687-G DRAWING SG-2 OF 2 SHEET NO. 2 OF 3

BAI

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